

Recombinant Human EPS8, GST-tagged

Cat. No. EPS8-12506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPS8 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	13-267a.a.
Description	This gene encodes a member of the EPS8 family. This protein contains one PH domain and one SH3 domain. It functions as part of the EGFR pathway, though its exact role has not been determined. Highly similar proteins in other organisms are involved in the transduction of signals from Ras to Rac and growth factor-mediated actin remodeling. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EPS8 epidermal growth factor receptor pathway substrate 8 [Homo sapiens]
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Official Symbol	EPS8
Synonyms	EPS8; epidermal growth factor receptor pathway substrate 8; epidermal growth factor receptor kinase substrate 8;
Gene ID	2059
mRNA Refseq	NM_004447
Protein Refseq	NP_004438
MIM	600206
UniProt ID	Q12929
Chromosome Location	12p12.3
Pathway	CDC42 signaling events, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Regulation of RAC1 activity, organism-specific biosystem;
Function	SH3/SH2 adaptor activity; protein binding;

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